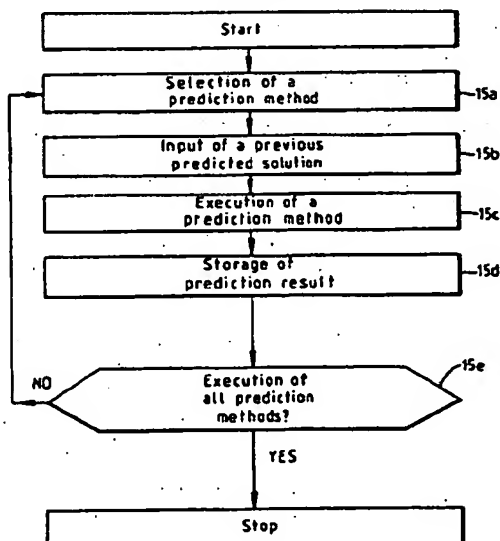⑫ **EUROPEAN PATENT APPLICATION**

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㉝ **Method for solving a non linear problem by iteration.**

㉗   In order to solve a non-linear problem, an
iteration method is used in which, in each
iteration step (11), a prediction result of the
non-linear is solved by a plurality of prediction
methods (15), to obtain a plurality of parallel
predicted solutions. Then the optimum one of
those predicted solutions is selected (16) and
the corresponding prediction result is then the
prediction result used in the next iteration step
(11). Thus, at each iteration step, the optimum
method is used from a plurality of prediction
methods. Hence, the predicted solutions con-
verge rapidly to a final solution. The optimum
solution is determined by comparing the predic-
ted solution of each prediction method with the
prediction result of the previous iteration, e.g.
on the basis of difference, absolute difference,
or ratio.

FIG.3

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